

Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*

PV 50625621 0001

Berichtsnummer *Report No.:*

CN24WVOB 001

Genehmigungsinhaber *License Holder:*

Chint New Energy Technology
Co., Ltd.
No. 1 Jisheng Road,
Jianshan New Zone
Haining
314415 Zhejiang
P.R. China

Fertigungsstätte *Manufacturing Site:*

12 Fertigungsstätten auf Folgeseiten
Listing of 12 factories on following pages

Prüfzeichen *Test Mark:*


IEC 61215
IEC 61730
Regular Production
Surveillance

www.tuv.com
ID 1111276830

Geprüft nach *Tested according to:*

IEC 61215-1:2021
IEC 61215-1-1:2021
IEC 61215-2:2021
IEC 61730-1:2023
IEC 61730-2:2023
EN IEC 61215-1:2021
EN IEC 61215-1-1:2021
EN IEC 61215-2:2021
EN IEC 61730-1:2018
EN IEC 61730-2:2018

Geräteidentifikation
Product Identification
Produkt:

PV Module

Product:
Modell:

Modelle sind auf nächste(r) Seite(n) gelistet

Type:
Type designation(s) are listed on the next page(s)
Technische Daten:

Class II acc. to IEC 61140

Technical Data:

For other ratings, refer to the test report

Gültig bis:

2029-04-02

Date of expiry:
Gültig ab:

2024-04-03

Valid from:
Zertifizierungsstelle:
Certification body:

Angela Yao



Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.
This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

<http://www.tuv.com/safety> E-mail: markcheck@tuv.com

Fax: +49 221 806-3935

Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*

PV 50625621 0001

Berichtsnummer *Report No.:*

CN24WVOB 001

Produkt *Product:* PV Module

Modell *Type:*

Bezeichnung *Designation:*

Max. system voltage: up to 1500 VDC (Voc at STC):

With ½ cut of mono c-Si cells:

CHSM72M-HC-xxx (xxx=440-475, in steps of 5, 144 cells)

CHSM60M-HC-xxx (xxx=370-395, in steps of 5, 120 cells)

CHSM72M-HC-xxx (xxx=530-570, in steps of 5, 144 cells)

CHSM60M-HC-xxx (xxx=445-475, in steps of 5, 120 cells)

CHSM54M-HC-xxx (xxx=400-425, in steps of 5, 108 cells)

Max. system voltage: up to 1000 VDC (Voc at STC):

With ½ cut of mono c-Si cells:

CHSM72M/LV-HC-xxx (xxx=440-475, in steps of 5, 144 cells)

CHSM60M/LV-HC-xxx (xxx=370-390, in steps of 5, 120 cells)

CHSM72M/LV-HC-xxx (xxx=530-570, in steps of 5, 144 cells)

CHSM60M/LV-HC-xxx (xxx=445-475, in steps of 5, 120 cells)

CHSM54M/LV-HC-xxx (xxx=400-425, in steps of 5, 108 cells)

xxx represents output power in Wp

Remarks:

Fire Rating: Class C (according to UL 790)

Design Load / Safety Factors: 3600 Pa / 1.5 (downward)

1600 Pa / 1.5 (upward)

Conditions:

The product test is voluntarily according to technical regulations. Any change of the design, materials, components or processing may require the repetition of some of the qualification tests in order to retain type approval.



Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*

PV 50625621 0002

Berichtsnummer *Report No.:*

CN24WVOB 002

Genehmigungsinhaber *License Holder:*

Chint New Energy Technology

Co., Ltd.

No. 1 Jisheng Road,

Jianshan New Zone

Haining

314415 Zhejiang

P.R. China

Fertigungsstätte *Manufacturing Site:*

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ID 1111276830

Geprüft nach *Tested according to:*

IEC 61215-1:2021

IEC 61215-1-1:2021

IEC 61215-2:2021

IEC 61730-1:2023

IEC 61730-2:2023

EN IEC 61215-1:2021

EN IEC 61215-1-1:2021

EN IEC 61215-2:2021

EN IEC 61730-1:2018

EN IEC 61730-2:2018

Geräteidentifikation
Product Identification
Produkt:

PV Module

Product:
Modell:

Modelle sind auf nächste(r) Seite(n) gelistet

Type:
Type designation(s) are listed on the next page(s)
Technische Daten:

Class II acc. to IEC 61140

Technical Data:

For other ratings, refer to the test report

Gültig bis:

2029-04-02

Date of expiry:
Gültig ab:

2024-04-15

Valid from:
Zertifizierungsstelle:
Certification body:
Ausstellungsdatum:

2024-04-15

Date of issue:

Angela Yao



Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.
This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg
<http://www.tuv.com/safety> E-mail: markcheck@tuv.com

Fax: +49 221 806-3935

Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*

PV 50625621 0002

Berichtsnummer *Report No.:*

CN24WVOB 002

Produkt *Product:* PV Module

Modell *Type:* **Bezeichnung** *Designation:*

Same as Page 0001

In addition:

Max. System Voltage: up to 1500 VDC (Voc at STC):

With ½ cut of N-type mono c-Si cells:

CHSM72N-HC-xxx (xxx=565-620, in steps of 5, 144 cells)

CHSM60N-HC-xxx (xxx=475-515, in steps of 5, 120 cells)

CHSM54N-HC-xxx (xxx=425-465, in steps of 5, 108 cells)

CHSM72N(BLH)-HC-xxx (xxx=545-575, in steps of 5, 144 cells)

CHSM60N(BLH)-HC-xxx (xxx=455-475, in steps of 5, 120 cells)

CHSM54N(BLH)-HC-xxx (xxx=410-430, in steps of 5, 108 cells)

With ½ cut of mono c-Si cells:

CHSM72M(BLH)-HC-xxx (xxx=520-545, in steps of 5, 144 cells)

CHSM60M(BLH)-HC-xxx (xxx=435-450, in steps of 5, 120 cells)

CHSM54M(BLH)-HC-xxx (xxx=390-405, in steps of 5, 108 cells)

Max. System Voltage: up to 1000 VDC (Voc at STC):

With ½ cut of N-type mono c-Si cells:

CHSM72N/LV-HC-xxx (xxx=565-620, in steps of 5, 144 cells)

CHSM60N/LV-HC-xxx (xxx=475-515, in steps of 5, 120 cells)

CHSM54N/LV-HC-xxx (xxx=425-465, in steps of 5, 108 cells)

CHSM72N(BL)-HC-xxx (xxx=545-575, in steps of 5, 144 cells)

CHSM60N(BL)-HC-xxx (xxx=455-475, in steps of 5, 120 cells)

CHSM54N(BL)-HC-xxx (xxx=410-430, in steps of 5, 108 cells)

With ½ cut of mono c-Si cells:

CHSM72M(BL)-HC-xxx (xxx=520-545, in steps of 5, 144 cells)

CHSM60M(BL)-HC-xxx (xxx=435-450, in steps of 5, 120 cells)

CHSM54M(BL)-HC-xxx (xxx=390-405, in steps of 5, 108 cells)

xxx represents output power in Wp



Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

PV 50625621 0003

Berichtsnummer Report No.:

CN24WVOB 003

Genehmigungsinhaber License Holder:

Chint New Energy Technology

Co., Ltd.

No. 1 Jisheng Road,

Jianshan New Zone

Haining

314415 Zhejiang

P.R. China

Fertigungsstätte Manufacturing Site:

12 Fertigungsstätten auf Folgeseiten

Listing of 12 factories on following pages
Prüfzeichen Test Mark:


IEC 61215
IEC 61730
Regular Production
Surveillance

www.tuv.com
ID 1111276830

Geprüft nach Tested according to:

IEC 61215-1:2021

IEC 61215-1-1:2021

IEC 61215-2:2021

IEC 61730-1:2023

IEC 61730-2:2023

EN IEC 61215-1:2021

EN IEC 61215-1-1:2021

EN IEC 61215-2:2021

EN IEC 61730-1:2018

EN IEC 61730-2:2018

Geräteidentifikation
Product Identification
Produkt:

PV Module

Product:
Modell:

Modelle sind auf nächste(r) Seite(n) gelistet

Type:
Type designation(s) are listed on the next page(s)
Technische Daten:

Class II acc. to IEC 61140

Technical Data:

For other ratings, refer to the test report

Gültig bis:

2029-04-02

Date of expiry:
Gültig ab:

2024-04-26

Valid from:
Zertifizierungsstelle:
Certification body:
Ausstellungsdatum:

2024-04-26

Date of issue:

Angela Yao



Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.
This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg
<http://www.tuv.com/safety> E-mail: markcheck@tuv.com

Fax: +49 221 806-3935

www.tuv.com
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Precisely Right.

Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*

PV 50625621 0003

Berichtsnummer *Report No.:*

CN24WVOB 003

Produkt *Product:* PV Module

Modell *Type:*

Bezeichnung *Designation:*

Same as Page 0001-0002

In addition:

Max. System Voltage: up to 1500 VDC (Voc at STC):

With ½ cut of N-type mono c-Si cells:

CHSM72RN-HC-xxx (xxx=590-620, in steps of 5, 144 cells)

CHSM54RN-HC-xxx (xxx=450-465, in steps of 5, 108 cells)

CHSM72RN(BLH)-HC-xxx (xxx=580-605, in steps of 5, 144 cells)

CHSM54RN(BLH)-HC-xxx (xxx=435-450, in steps of 5, 108 cells)

CHSM54RNs(BLH)-HC-xxx (xxx=425-455, in steps of 5, 108 cells)

CHSM54RNs-HC-xxx (xxx=430-465, in steps of 5, 108 cells)

CHSM78N-HC-xxx (xxx=585-645, in steps of 5, 156 cells)

With ½ cut of mono c-Si cells:

CHSM78M-HC-xxx (xxx=585-600, in steps of 5, 156 cells)

Max. System Voltage: up to 1000 VDC (Voc at STC):

With ½ cut of N-type mono c-Si cells:

CHSM72RN/LV-HC-xxx (xxx=590-620, in steps of 5, 144 cells)

CHSM54RN/LV-HC-xxx (xxx=450-465, in steps of 5, 108 cells)

CHSM72RN(BL)-HC-xxx (xxx=580-605, in steps of 5, 144 cells)

CHSM54RN(BL)-HC-xxx (xxx=435-450, in steps of 5, 108 cells)

CHSM54RNs(BL)-HC-xxx (xxx=425-455, in steps of 5, 108 cells)

CHSM54RNs/LV-HC-xxx (xxx=430-465, in steps of 5, 108 cells)

CHSM78N/LV-HC-xxx (xxx=585-645, in steps of 5, 156 cells)

With ½ cut of mono c-Si cells:

CHSM78M/LV-HC-xxx (xxx=585-600, in steps of 5, 156 cells)

Power range extension for following models:

Max. System Voltage: up to 1500 VDC (Voc at STC):

With ½ cut of N-type mono c-Si cells:

CHSM54N(BLH)-HC-xxx (xxx=435, 108 cells)

Max. System Voltage: up to 1000 VDC (Voc at STC):

With ½ cut of N-type mono c-Si cells:

CHSM54N(BL)-HC-xxx (xxx=435, 108 cells)

xxx represents output power in Wp



Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*

PV 50625621 0004

Berichtsnummer *Report No.:*

CN24WVOB 006

Genehmigungsinhaber *License Holder:*

Chint New Energy Technology

Co., Ltd.

No. 1 Jisheng Road,

Jianshan New Zone

Haining

314415 Zhejiang

P.R. China

Fertigungsstätte *Manufacturing Site:*

14 Fertigungsstätten auf Folgeseiten

Listing of 14 factories on following pages
Prüfzeichen *Test Mark:*


IEC 61215
IEC 61730
Regular Production
Surveillance

www.tuv.com
ID 1111276830

Geprüft nach *Tested according to:*

IEC 61215-1:2021

IEC 61215-1-1:2021

IEC 61215-2:2021

IEC 61730-1:2023

IEC 61730-2:2023

EN IEC 61215-1:2021

EN IEC 61215-1-1:2021

EN IEC 61215-2:2021

EN IEC 61730-1:2018

EN IEC 61730-2:2018

Geräteidentifikation
Product Identification
Produkt:

PV Module

Product:
Modell:

Modelle sind auf nächste(r) Seite(n) gelistet

Type:
Type designation(s) are listed on the next page(s)
Technische Daten:

Class II acc. to IEC 61140

Technical Data:

For other ratings, refer to the test report

Gültig bis:

2029-04-02

Date of expiry:
Gültig ab:

2024-10-18

Valid from:
Zertifizierungsstelle:
Certification body:
Ausstellungsdatum:

2024-10-18

Date of issue:

Angela Yao



Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.
This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg
<http://www.tuv.com/safety> E-mail: markcheck@tuv.com

Fax: +49 221 806-3935

www.tuv.com
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Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*

PV 50625621 0004

Berichtsnummer *Report No.:*

CN24WVOB 006

Produkt *Product:* PV Module

Modell *Type:* **Bezeichnung** *Designation:*
Same as Page 0001-0003

In addition:

Max. System Voltage: up to 1500 VDC (Voc at STC):

With ½ cut of N-type mono c-Si cells:

CHSM66RN-HC-xxx (xxx=590-620, in steps of 5, 132 cells)

Power range extension for following models:

Max. System Voltage: up to 1500 VDC (Voc at STC):

With ½ cut of N-type mono c-Si cells:

CHSM78N-HC-xxx (xxx=650-660, in steps of 5, 156 cells)

CHSM72N(BLH)-HC-xxx (xxx=580-605, in steps of 5, 144 cells)

CHSM60N(BLH)-HC-xxx (xxx=480-500, in steps of 5, 120 cells)

CHSM54N(BLH)-HC-xxx (xxx=440-450, in steps of 5, 108 cells)

With ½ cut of mono c-Si cells:

CHSM72M(BLH)-HC-xxx (xxx=550-570, in steps of 5, 144 cells)

CHSM60M(BLH)-HC-xxx (xxx=455-475, in steps of 5, 120 cells)

CHSM54M(BLH)-HC-xxx (xxx=410-425, in steps of 5, 108 cells)

Max. System Voltage: up to 1000 VDC (Voc at STC):

With ½ cut of N-type mono c-Si cells:

CHSM78N/LV-HC-xxx (xxx=650-660, in steps of 5, 156 cells)

CHSM72N(BL)-HC-xxx (xxx=580-605, in steps of 5, 144 cells)

CHSM60N(BL)-HC-xxx (xxx=480-500, in steps of 5, 120 cells)

CHSM54N(BL)-HC-xxx (xxx=440-450, in steps of 5, 108 cells)

With ½ cut of mono c-Si cells:

CHSM72M(BL)-HC-xxx (xxx=550-570, in steps of 5, 144 cells)

CHSM60M(BL)-HC-xxx (xxx=455-475, in steps of 5, 120 cells)

CHSM54M(BL)-HC-xxx (xxx=410-425, in steps of 5, 108 cells)

xxx represents output power in Wp

Remarks:

- Manufacturing plant update: see annex.



Zertifikat *Certificate*

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PV 50625621 0004

Berichtsnummer *Report No.:*

CN24WVOB 006

Produkt *Product:*

PV Module

Fertigungsstätten *Factories:*

-
- 1 Chint New Energy Technology
(Jiuquan) Co.,Ltd.
15 Jingwu Road, Jiuquan economic
and Technological Development
Zone, Suzhou District, Jiuquan City,
Gansu
P.R. China
 - 2 Chint Solar Technology (Yancheng)
Co.,Ltd.
No. 8, Fengyang Road,
Shanghai-Suzhou-Dafeng Industry Linkage Cluster,
Dafeng District, Yancheng City,
Jiangsu
P.R. China
 - 3 Chint New Energy Technology (Yancheng)
Co.,Ltd.
No.1 Tonghui Road, Dafeng District,
Yancheng City,
Jiangsu
P.R. China
 - 4 Chint Solar (HaiNing) Co., Ltd.
No. 2 Jisheng Road, Jianshan New Zone,
Haining
314415 Zhejiang
P.R. China
 - 5 Songyuan New Energy Technology
Co.,Ltd.
No.2211,Jiangye Avenue,
Yadahong Enterprise Service Center,
Ningjiang District,Songyuan,
Jilin
P.R. China
 - 6 Chint New Energy Technology (Yanchi)
Co.,Ltd.
Block 2, Yanchi County Industrial Park,
Wuzhong City, (North of Gaoshawo)
Ningxia
P.R. China



Zertifikat *Certificate*

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PV 50625621 0004

Berichtsnummer *Report No.:*

CN24WVOB 006

Produkt *Product:*

PV Module

Fertigungsstätten *Factories:*

-
- | | |
|----|---|
| 7 | Chint Solar Technology (Yiwu) Co.,Ltd.
No. 1, Qingcheng West Road, Fotang Town,
Yiwu City, Jinhua City,
Zhejiang
P.R. China |
| 8 | Chint Solar Technology (Yueqing)
Co.,Ltd.
No.1 Xinneng Road,
Yueqing Bay Harbor Economic Development Zone,
Yueqing, Wenzhou City,
Zhejiang
P.R. China |
| 9 | Chint New Energy Technology
Co., Ltd.
No. 1 Jisheng Road,
Jianshan New Zone
Haining
314415 Zhejiang
P.R. China |
| 10 | Zibo JinenU Solar Technology Co., LTD
3005, Silk Road, Zhoucun District,
Zibo,
Shandong
P.R. China |
| 11 | Solarspace Technology (Suqian) Co., Ltd.
No. 1299,
Shanghai Road, Economic and Technological Development Zone,
Suqian City,
223800 Jiangsu
P.R. China |
| 12 | Kivanc Enerji Uretim Anonim Sirketi
Sahin Mahallesi Sait Polat Bulvarı No:396
Yenice/Tarsus/Mersin
Türkiye |



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PV 50625621 0004

Berichtsnummer *Report No.:*
CN24WVOB 006

Produkt *Product:*
PV Module

Fertigungsstätten *Factories:*

- 13 Chint New Energy Technology
(Fuyang) Co.,Ltd.
No.177, TongDeng Road,
Lingqiao Town, Fuyang District,
Hangzhou,
Zhejiang
P.R. China
- 14 Chint New Energy Technology Co., Ltd.
(M4) No. 2 Jisheng Road, Jianshan New Zone,
Haining
314415 Zhejiang
P.R. China

